

Figure 1

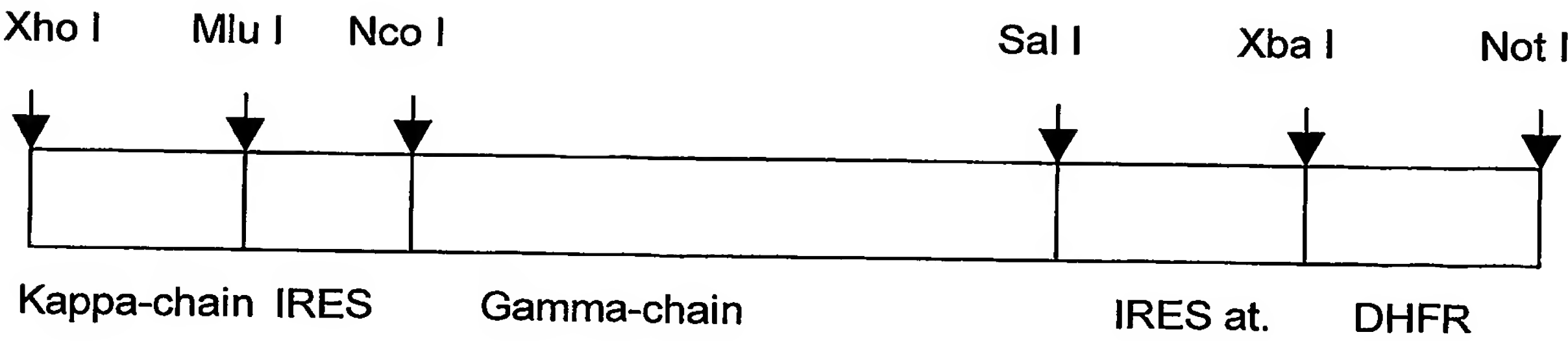


Figure 2

2/9

Xho I *KOZAK*

5'...ATA GGC TAG **C CTC GAG CCA CCA CCA** TG CAT CAG ACC AGC ATG GG
CATCAAGATGGAATCACAGACTCTGGTCTTCATATCCATACTGCTCTGGTTATATG
GAGCTGATGGGAACATTGTAATGACCCAATCTCCCAAATCCATGTCCATGTCAGTA
GGAGAGAGGGTCACCTTGACCTGCAAGGCCAGTGAGAATGTGGTTACTTATGTTT
CNTGGTATCAACAGAAACCAGAGCAGTCTCCTAAACTGCTGATATATGGGGGCATC
CAACCGGTACACTGGGGTCCCNGATCGCTTCACAGGCAGTGGATCTGCAACAGA
TTTCACTCTGACCATCAGCAGTGTGCAGGCTGAAGACCTTGCAGATTATCACTGT
GGACAGGGTTACAGCTATCCGTACACGTTTCGGAGGGGGGGACCAAGCTGGAAATA
AAACGGGCTGATGCTGCACCAACTGTATCCATCTTCCCACCATCCAGTGAGCAGT
TAACATCTGGAGGTGCCTCAGTCGTGTGCTTCTTGAACAACTTCTACCCCAAAGA
CATCAATGTCAAGTGGAAGATTGATGGCAGTGAACGACAAAATGGCGTCCTGAAC
AGTTGGACTGATCAGGACAGCAAAGACAGCACCTACAGCATGAGCAGCACCCCTCA
CGTTGACCAAGGACGAGTATGAACGACATAACAGCTATACCTGTGAGGCCACTCA
CAAGACATCAACTTCACCCATTGTCAAGA

Mlu I *Bam HI*

GC TTC AAC AGG AAT GAG TGT TAG **ACG CGT GGA TCC** GCC CCT CTC CCT
CCCCCCCCCCTAACGTTACTGGCCGAAGCCGCTTGGAATAAGGCCGGTGTGCGT
TTGTCTATATGTGATTTTCCACCATATTGCCGTCTTTTGGCAATGTGAGGGCCCGG
AAACCTGGCCCTGTCTTCTTGACGAGCATTCTAGGGGTCTTTCCCCTCTCGCCA
AAGGAATGCAAGGTCTGTTGAATGTCGTGAAGGAAGCAGTTCCTCTGGAAGCTTC
TTGAAGACAAACAACGTCTGTAGCGACCCTTTGCAGGCAGCGGAACCCCCCACCT
GGCGACAGGTGCCTCTGCGGCCAAAAGCCACGTGTATAAGATACACCTGCAAAG
GCGGCACAACCCCAGTGCCACGTTGTGAGTTGGATAGTTGTGGAAAGAGTCAAAT
GGCTCTCCTCAAGCGTATTCAACAAGGGGCTGAAGGATGCCCAGAAGGTACCCC

ATTGTATGGGATCTGATCTGGGGCCTCGGTGCACATGCTTTACATGTGTTTAGTC
GAGGTTAAAAAACGTCTAGGCCCCCCCCGAACCACGGGGACGT

KOZAK Nco I

G GTT TTC CTT TGA AAA ACA CGA TGA TAA TAT GGC CAC CAC CAT GG
AATGGAGCAGAGTCTTTATCTTTCTCCTATCAGTAACTGCAGGTGTTCACTCCCAG
GTCCAGTTGCAGCAGTCTGGAGCTGAGCTGGTAAGGCCTGGGACTTCAGTGAAG
GTGTCCTGCAAGGCTTCTGGATACGCCTTCACTAATTACTTGATAGAGTGGGTAAA
GCAGAGGCCTGGACAGGGCCTTGAGTGGATTGGGGTGATTAATCCTGGAAGTGG
TGGTACTAACTACAATGAGAAGTTCAAGGGCAAGGCAACACTGACTGCAGACAAA
TCCTCCAGCACTGCCTACATGCAGCTCAGCAGCCTGACATCTGATGACTCTGCGG
TCTATTTCTGTGCAAGAGATGGTCCCTGGTTTGCTTACTGGGGCCAAGGGACTCT
GGTCACTGTCTCTGCAGCCAAAACAACAGCCCCATCGGTCTATCCACTGGCCCCT
GTGTGTGGAGATACAACCTGGCTCCTCGGTGACTCTAGGATGCCTGGTCAAGGGTT
ATTTCCCTGAGCCAGTGACCTTGACCTGGAACCTCTGGATCCCTGTCCAGTGGTGT
GCACACCTTCCCAGCTGTCCTGCAGTCTGACCTCTACACCCTCAGCAGCTCAGTG
ACTGTAACCTCGAGCACCTGGCCCAGCCAGTCCATCACCTGCAATGTGGCCCAC
CCGGCAAGCAGCACCAAGGTGGACAAGAAAATTGAGCCCAGAGGGGCCCAATC
AAGCCCTGTCCTCCATGCAAATGCCCAGCACCTAACCTCTTGGGTGGACCATCCG
TCTTCATCTTCCCTCCAAAGATCAAGGATGTACTCATGATCTCCCTGAGCCCCATA
GTCACATGTGTGGTGGTGGATGTGAGCGAGGATGACCCAGATGTCCAGATCAGC
TGGTTTGTGAACAACGTGGAAGTACACACAGCTCAGACACAAACCCATAGAGAGG
ATTACAACAGTACTCTCCGGGTGGTCAGTGCCCTCCCCATCCAGCACCAAGGACTG
GATGAGTGGCAAGGAGTTCAAATGCAAGGTCAACAACAAAGACCTCCCAGCGCC
CATCGAGAGAACCATCTCAAACCCCAAAGGGTCAGTAAGAGCTCCACAGGTATAT
GTCTTGCCTCCACCAGAAGAAGAGATGACTAAGAAACAGGTCACTCTGACCTGCA
TGGTCACAGACTTCATGCCTGAAGACATTTACGTGGAGTGGACCAACAACGGGAA
AACAGAGCTAACTACAAGAACACTGAACCAGTCCTGGACTCTGATGGTTCTTACT

TCATGTACAGCAAGCTGAGAGTGGAAAAGAAGAACTGGGTGGAAAGAAATAGCTA
CTCCTGTTTCAGTGGTCCACGAGGGTCTGCACAATCACCACACGACTAAGAGCTTC
TC

Sal I

C CGG ACT CCG GGT AAA TGA **GTC GAC**
ACGCGTCGAGCATGCATCTAGGGCGGCCAATTCCGCCCCTCTCCCTCCCCCCCC
CCTAACGTTACTGGCCGAAGCCGCTTGGAATAAGGCCGGTGTGCGTTTGTCTATA
TGTGATTTTCCACCATATTGCCGTCTTTTGGCAATGTGAGGGCCCGGAAACCTGG
CCCTGTCTTCTTGACGAGCATTCTAGGGGTCTTTCCCCTCTCGCCAAAGGAATG
CAAGGTCTGTTGAATGTCGTGAAGGAAGCAGTTCCTCTGGAAGCTTCTTGAAGAC
AAACAACGTCTGTAGCGACCCTTTGCAGGCAGCGGAACCCCCCACCTGGCGACA
GGTGCCTCTGCGGCCAAAAGCCACGTGTATAAGATACACCTGCAAAGGCGGCAC
AACCCAGTGCCACGTTGTGAGTTGGATAGTTGTGGAAAGAGTCAAATGGCTCTC
CTCAAGCGTATTCAACAAGGGGCTGAAGGATGCCCAGAAGGTACCCCATTTGTATG
GGATCTGATCTGGGGCCTCGGTGCACATGCTTTACATGTGTTTAGTCGAGGTAA
AAAAAC

Xba I

GTCTAGGCCCCCGAACCACGGGGACGTGGTTTTCTTTGAAAAACACGATGATA
AGCTTGCCACAACCCGGGATCCT**CTAGA**
CCACCATGGTTCGACCATTGAACTGCATCGTCGCCGTGTCCCAAGATATGGGGAT
TGGCAAGAACGGAGACCTACCCTGGCCTCCGCTCAGGAACGAGTTCAAGTACTT
CCAAAGAATGACCACAACCTCTTCAGTGGGAAGGTAAACAGAATCTGGTGATTATG
GGTAGGAAAACCTGGTTCTCCATTCCTGAGAAGAATCGACCTTTAAAGGACAGAA
TTAATATAGTTCTCAGTAGAGAACTCAAAGAACCACCACGAGGAGCTCATTTTCTT
GCCAAAAGTTTGGATGATGCCTTAAGACTTATTGAACAACCGGAATTGGCAAGTAA
AGTAGACATGGTTTGGATAGTCGGAGGCAGTTCTGTTTACCAGGAAGCCATGAAT
CAACCAGGCCACCTCAGACTCTTTGTGACAAGGATCATGCAGGAATTTGAAAGTG

ACACGTTTTTCCCAGAAATTGATTTGGGGAAATATAAACTTCTCCCAGAATACCCA
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Not /

CTACGAGAAGAAAGACTAAGCGGGCCGC...3' (SEQ ID No1)

Figure 3

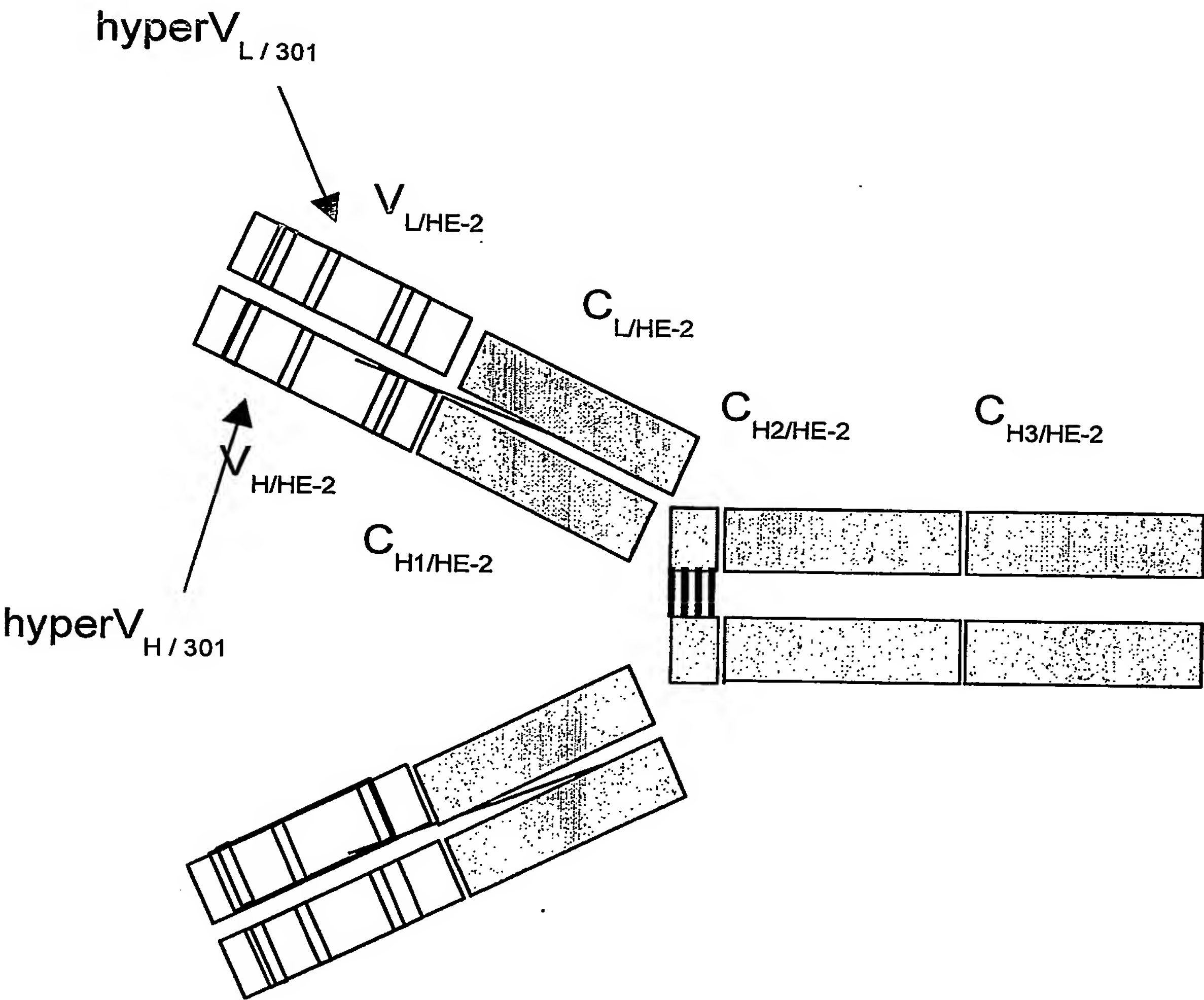


Figure 4

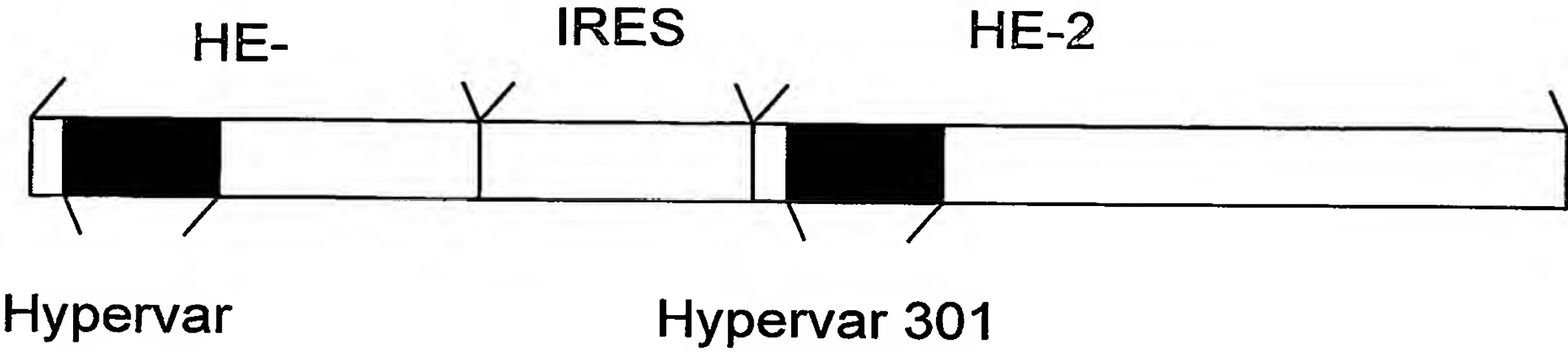


Figure 5

MEWSRVFIFLLSVTAGVHSQVQLQQSGAELVRPGTSVKVSCKASGYAFTNYLIEWVK
QRPGQGLEWIGVINPGSGGTNYNEKFKGKATLTADKSSSTAYMQLSSLTSDDSAVYF
CARDGPWFAYWGQGLTVTVSAAKTAPSVYPLAPVCGDTTGSSVTLGCLVKGYFPE
PVTLTWNNSGSLSSGVHTFPAVLQSDLYTLSSSVTVTSSTWPSQSITCNVAHPASSTKV
DKKIEPRGPTIKPCPPCKCPAPNLLGGPSVFIFPPKIKDVLMLSLSPIVTCVWVDVSEDD
PDVQISWVFNNEVHTAQTQTHREDYNSTLRVVSALPIQHQQDWMSGKEFKCKVNNK
DLPAPIERTISKPKGSVRAPQVYVLPPEEEMTKKQVTLTCMVTDFMPEDIYVEWTNN
GKTELNYKNTEPVLDSGSGSYFMYSKLRVEKKNWVERNSYSCSWHEGLHNHHTTKS
FSRTPGK (SEQ ID No2)

Figure 6

MHQTSMGIKMESQTLVFISILLWLYGADGNIVMTQSPKSMMSVGERVTLTCKASENV
VTYVSWYQQKPEQSPKLLIYGASNRYTGVPDRFTGSGSATDFTLTISSVQAEDLADYH
CGQGYSYPYTFGGGKLEIKRADAAPTVSIFPPSSEQLTSGGASVVCFLNNFYPPKDIN
VKWKIDGSRQNGVLNSWTDQDSKDYSTYSMSSTLTTLTKDEYERHNSYTCEATHKTS
TSPIVKSFNRNEC (SEQ ID No3)

Figure 7

MHQTSMGIKMESQTLVFISILLWLYGADGNIVMTQSPKSMMSVGERVTLTCKASENV
VTYVSWYQQKPEQSPKLLIYGASNRYTGVPDRFTGSGSATDFTLTISSVQAEDLADYH
CGQGYSYPYTFGGGKLEIRRADAAPTVSIFPPSSEQLTSGGASVVCFLNNFYPPKDIN
VKWKIDGSRQNGVLNSWTDQDSKDYSTYSMSSTLTTLTKDEYERHNSYTCEATHKTS
TSPIVKSFNRNEC (SEQ ID No4)

Figure 8

MHQTSMGIRMESQTLVFISILLWLYGADGNIVMTQSPRSMSSVGERVTLTCRASEN
VVTYVSWYQQRPEQSPRLLIYGASNRYTGVPDRFTGSGSATDFTLTISSVQAEDLAD
YHCGQGYSYPYTFGGGTRLEIRRADAAPTVSIFPPSSEQLTSGGASVVCFLNNFY PKD
INVKWKIDGSERQNGVLNSWTDQDSKDYSTYSMSSTLTLTIKDEYERHNSYTCEATHKT
STSPIVKSFNRNEC (SEQ ID No5)

Figure 9

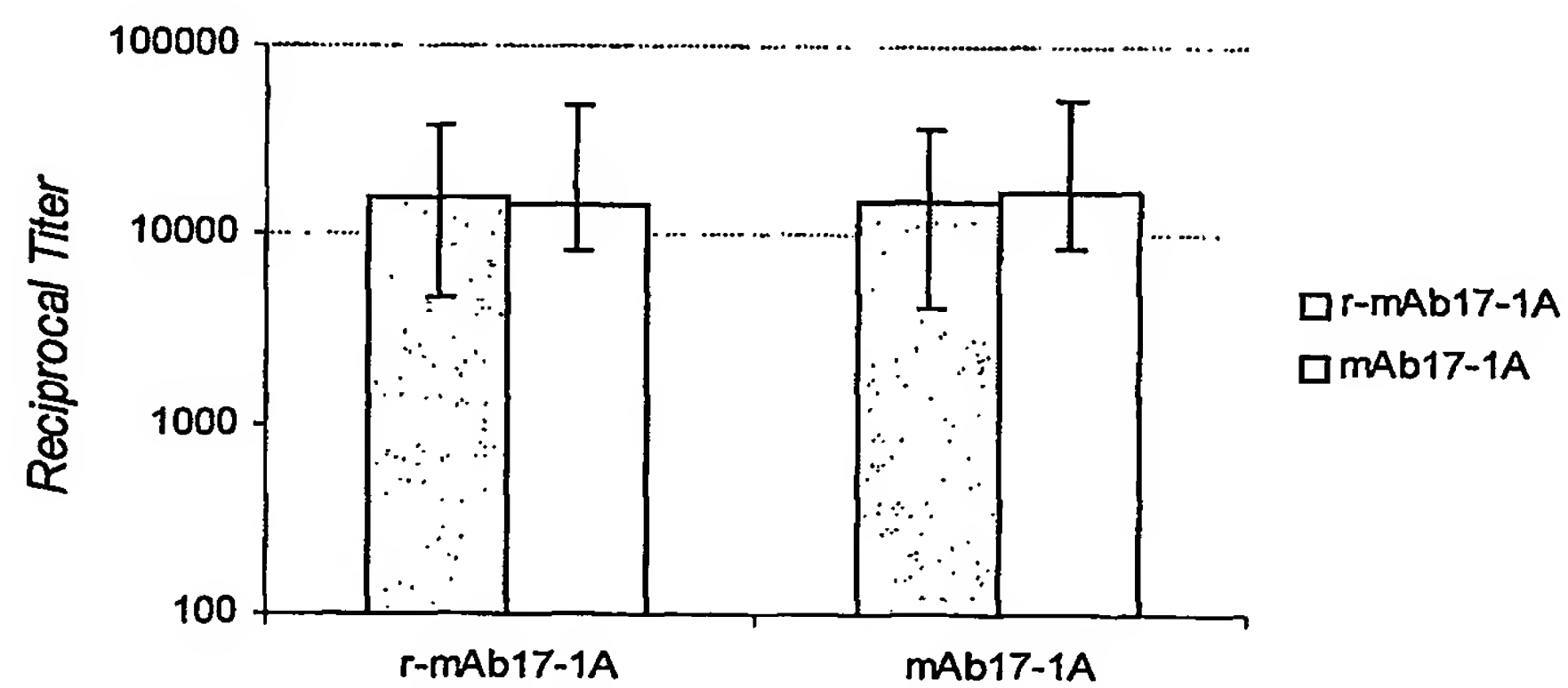


Figure 10